

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-17 19:08:51

Date of Next Testing: 2028-07-16 19:08:51

Product Name: **Potassium bromide**

CAS Number: 7758-02-3

Specifications & Purity: for infrared spectroscopy

Lot #: G2516589

SKU #: **P433931**

Version: **1**

Analysis #: **541911**

Storage Temperature: Room temperature

| Parameter                                                                                        | Limit Values             | Result                   |
|--------------------------------------------------------------------------------------------------|--------------------------|--------------------------|
| Absorbance(2g pressed disk, 0.5 cm layer thickness)(Water;3775-3050/1760-1520 cm <sup>-1</sup> ) | ≤0.15                    | 0.10000                  |
| Absorbance(2g pressed disk, 0.5 cm layer thickness)(CH-compounds; 3050-2750 cm <sup>-1</sup> )   | ≤0.004                   | 0.00100                  |
| Absorbance(2g pressed disk, 0.5 cm layer thickness)(other ; 4000-400 cm <sup>-1</sup> )          | ≤0.020                   | 0.01500                  |
| Particle Size (d10)                                                                              | ≤150 (um)                | 130.00000 μm             |
| Particle Size (d50)                                                                              | ≤250 (um)                | 240.00000 μm             |
| Particle Size (d90)                                                                              | ≤500 (um)                | 500.00000 μm             |
| Application test                                                                                 | passes test              | Passes test              |
| Appearance(P433931)                                                                              | White Powder or Crystals | White Powder or Crystals |



John Su  
QA & QC Manager